

From: "Vickstrom, Kyle E." <vickstromke@cdmsmith.com>
To: "Gustavson, Karl" <Gustavson.Karl@epa.gov>
"Scott Coffey" <coffeyse@cdmsmith.com>
"John Kern" (b) (6)
CC: "Sheldrake, Sean" <sheldrake.sean@epa.gov>
"Young, Hunter" <Young.Hunter@epa.gov>
"Zhen, Davis" <Zhen.Davis@epa.gov>
Date: 12/28/2018 7:11:18 AM
Subject: RE: deliberative: last changes?

Hi Karl,

I'll look for John's email with the updated regression plots and will insert them into the memo. Also, I'll add the SDU /COC highlights to the box and whisker plots. Once we have the figures all inserted I will send you the updated RLSO memo.

Cheers,

Kyle Vickstrom
425.519.8372; cell (b) (6)

From: Gustavson, Karl <Gustavson.Karl@epa.gov>
Sent: Friday, December 28, 2018 8:47 AM
To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Coffey, Scott <CoffeySE@cdmsmith.com>; John Kern (b) (6)
Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>
Subject: RE: deliberative: last changes?

Kyle, I spoke with John. He will be redoing the regression graphs to add results to the >RAL quadrant.

I'm not sure if CDM or he wants to add the SDU/COC highlights from the right column of the table below (request #2).

I will wait for an updated memo.

Thank you,

Karl

Table 24. Description of Sediment Decision Units

SDU ID	Location	Description	Length (mile)	Acres
RM2E	RM 1.6–2.8 East	Evrast Oregon Steel Mill	1.3	102.8
RM3.5E	RM 3.1-4.1 East	Schnitzer	1	51.3
RM4.5E	RM 4.2-5.0 East	Terminal 4	0.9	43.3
RM5.5E	RM 5.0-6.0 East	Mar Com	0.9	30
RM6.5E	RM 6.0-7.0 East	Willamette Cove	1.1	89.2
Swan Is.	RM 8.1-8.9	Swan Island Lagoon	1.1	117
RM11E	RM 10.6-11.6 East	River Mile 11 East	1.1	28.8
RM3.9W	Benthic Risk Area	Kinder Morgan	1.1	49.3
RM5W	Benthic Risk Area	Nustar	1.1	24.6
RM6W	RM 5.6-6.5 West	Gasco	1	38.1
RM7W	RM 6.6-7.8 West	Arkema	1.4	68.3
RM9W	RM 8.3-9.7 West	Shaver to Fireboat Cove	1.5	67.9
RM6Nav	RM 5.1-6.5 Nav	Navigation Channel	1.7	147
No SDU	RM 1.9-11.8	Any area not included in the other SDUs	9.9	1,309.4

From: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>

Sent: Friday, December 28, 2018 9:16 AM

To: Gustavson, Karl <Gustavson.Karl@epa.gov>; Scott Coffey <coffeyse@cdmsmith.com>; John Kern (b) (6)

Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>

Subject: RE: deliberative: last changes?

Hi Karl,

No worries I'm in Chicago right now so closer to your time zone, and we'll get as much done as we can today before you need to shut down. Attached is the supplemental figures PDF; let me know if there are any additional maps you would like me to include.

Thanks,

Kyle Vickstrom
425.519.8372; cell (b) (6)

From: Gustavson, Karl <Gustavson.Karl@epa.gov>

Sent: Friday, December 28, 2018 7:52 AM

To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Coffey, Scott <CoffeySE@cdmsmith.com>; John Kern (b) (6)

Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>

Subject: RE: deliberative: last changes?

Kyle,

You shouldn't be up so early! The good news for CDM is that it appears this will be the last day I can (legally) work for a while.

A PDF please.

Thank you,

Karl

From: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>

Sent: Friday, December 28, 2018 8:47 AM

To: Gustavson, Karl <Gustavson.Karl@epa.gov>; Scott Coffey <coffeyse@cdmsmith.com>; John Kern (b) (6)

Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>

Subject: RE: deliberative: last changes?

Hi Karl,

I agree with only including the focused COCs right now. Also, I can incorporate the figure updates from John into the memo document once he completes the revisions. I will also pull together the supplemental figures file as well. Do you have a preference for that to be a compiled PDF file or PPT?

Thanks,

Kyle Vickstrom

425.519.8372; cell (b) (6)

From: Gustavson, Karl <Gustavson.Karl@epa.gov>

Sent: Friday, December 28, 2018 7:33 AM

To: Coffey, Scott <CoffeySE@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; John Kern (b) (6)

Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>

Subject: deliberative: last changes?

1. Please have graphs on only the Focused COCs (unless there is a compelling reason to have others [e.g., naphthalene] in there?).
2. On the box/whiskers, please highlight/bold the SDUs where the COC is a driver/primary (from Table 24/Fig 29). Example attached. This will help readers focus on COCs/area pairs that matter most.
3. If Kern concurs, please add a % greater/%lower to the upper right quadrant of the regressions. This helps differentiate sitewide NR processes from those in SMAs.
4. Please create a "supplemental figures" file with 1) The focused COC sampling data maps (we have these already: figs 1a, 2a, etc) and 2) The significance analysis with and without D/F.

Karl Gustavson

703-603-8753